

Title (en)

PROTECTIVE LAYER TRANSFER SHEET AND INTERMEDIATE TRANSFER MEDIUM

Title (de)

SCHUTZSCHICHTÜBERTRAGUNGSFOLIE UND ZWISCHENÜBERTRAGUNGSMEDIUM

Title (fr)

FEUILLE DE TRANSFERT DE COUCHE PROTECTRICE ET MILIEU DE TRANSFERT INTERMÉDIAIRE

Publication

**EP 2979890 B1 20190508 (EN)**

Application

**EP 14775898 A 20140328**

Priority

- JP 2013075019 A 20130329
- JP 2013075041 A 20130329
- JP 2013205771 A 20130930
- JP 2014059314 W 20140328

Abstract (en)

[origin: EP2979890A1] The purpose is to provide a protective layer transfer sheet and an intermediate transfer medium, in which a transfer layer has excellent foil tearing property during transfer and in which sufficient durability can be imparted to the thermally transferred image. The above problem is solved by a protective layer transfer sheet (100) in which a transfer layer (20) is provided on one surface of a substrate (1) so as to be peelable from the substrate (1), wherein the transfer layer (20) comprises a peeling layer (2) and a protective layer (3) which are layered in this order from the substrate; wherein the protective layer (3) includes an acrylic polyol resin having a glass transition temperature (T<sub>g</sub>) of more than 80 °C or a polyester polyurethane resin having a glass transition temperature (T<sub>g</sub>) of not less than 50 °C; and wherein the peeling layer includes at least one selected from a group consisting of polyester resins, acrylic urethane resins, and epoxy resins.

IPC 8 full level

**B41M 7/00** (2006.01); **B32B 27/00** (2006.01); **B32B 27/30** (2006.01); **B32B 27/40** (2006.01)

CPC (source: EP US)

**B32B 27/08** (2013.01 - US); **B32B 27/20** (2013.01 - US); **B32B 27/30** (2013.01 - US); **B32B 27/36** (2013.01 - US); **B32B 27/38** (2013.01 - US); **B32B 27/40** (2013.01 - US); **B41M 5/38257** (2013.01 - US); **B41M 5/41** (2013.01 - US); **B41M 5/42** (2013.01 - US); **B41M 5/44** (2013.01 - US); **B41M 7/0027** (2013.01 - EP US); **C09D 123/00** (2013.01 - US); **B41M 2205/10** (2013.01 - EP US); **B41M 2205/40** (2013.01 - US)

Cited by

CN108360298A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2979890 A1 20160203**; **EP 2979890 A4 20161116**; **EP 2979890 B1 20190508**; US 2016067997 A1 20160310; US 9527327 B2 20161227; WO 2014157678 A1 20141002

DOCDB simple family (application)

**EP 14775898 A 20140328**; JP 2014059314 W 20140328; US 201414780904 A 20140328